

Title (en)  
Method for the diagnosis of tumour

Title (de)  
Methode zum Nachweis von Tumoren

Title (fr)  
Méthode de diagnostic de tumeurs

Publication  
**EP 1607402 A1 20051221 (EN)**

Application  
**EP 05018356 A 20000211**

Priority

- EP 00907270 A 20000211
- US 9905028 W 19990308
- US 12397299 P 19990311
- US 13345999 P 19990511
- US 9912252 W 19990602
- US 14065099 P 19990622
- US 14065399 P 19990622
- US 14475899 P 19990720
- US 14569899 P 19990726
- US 14622299 P 19990728
- US 14939599 P 19990817
- US 15168999 P 19990831
- US 9920111 W 19990901
- US 9921090 W 19990915
- US 9928313 W 19991130
- US 9928301 W 19991201
- US 9928634 W 19991201
- US 0000219 W 20000105

Abstract (en)  
The invention concerns compositions and methods for the diagnosis and treatment of neoplastic cell growth and proliferation in mammals, including humans. The invention is based upon the identification of genes that are amplified in the genome of tumor cells. Such gene amplification is expected to be associated with the overexpression of the gene product as compared to normal cells of the same tissue type and contribute to tumorigenesis. Accordingly, the proteins encoded by the amplified genes are believed to be useful targets for the diagnosis and/or treatment (including prevention) of certain cancers, and may act as predictors of the prognosis of tumor treatment. <?>The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. <IMAGE>

IPC 1-7  
**C07K 14/47; C12Q 1/68; G01N 33/574**

IPC 8 full level  
**G01N 33/50** (2006.01); **A61K 31/7088** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 45/06** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/02** (2006.01); **A61P 43/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 14/72** (2006.01); **C07K 14/82** (2006.01); **C07K 16/18** (2006.01); **C07K 16/30** (2006.01); **C07K 16/32** (2006.01); **C07K 16/46** (2006.01); **C07K 19/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/13** (2006.01); **C12N 15/62** (2006.01); **C12P 21/00** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/574** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR)  
**A61K 31/7088** (2013.01 - EP); **A61K 39/395** (2013.01 - EP); **A61K 45/00** (2013.01 - EP); **A61K 45/06** (2013.01 - EP); **A61K 48/00** (2013.01 - EP); **A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/47** (2013.01 - EP); **C07K 14/705** (2013.01 - EP); **C07K 14/72** (2013.01 - EP); **C07K 14/82** (2013.01 - EP); **C07K 16/18** (2013.01 - EP KR); **C07K 16/30** (2013.01 - EP); **C07K 16/32** (2013.01 - EP); **C07K 19/00** (2013.01 - EP); **C12N 5/10** (2013.01 - EP); **C12N 15/09** (2013.01 - EP); **C12N 15/62** (2013.01 - EP); **C12P 21/02** (2013.01 - EP); **C12Q 1/02** (2013.01 - EP); **C12Q 1/68** (2013.01 - EP); **C12Q 1/6886** (2013.01 - EP); **G01N 33/50** (2013.01 - EP); **G01N 33/574** (2013.01 - EP); **G01N 33/57484** (2013.01 - EP); **G01N 33/57496** (2013.01 - EP); **C12Q 2600/136** (2013.01 - EP)

Citation (search report)

- [PA] WO 9938881 A1 19990805 - HUMAN GENOME SCIENCES INC [US], et al
- [PA] WO 0153455 A2 20010726 - HYSEQ INC [US], et al

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0153486 A1 20010726**; AT E348108 T1 20070115; AT E363489 T1 20070615; AT E364628 T1 20070715; AT E377025 T1 20071115; AT E380195 T1 20071215; AT E422536 T1 20090215; AU 2003200722 B2 20060202; AU 2003200722 C1 20030501; AU 2003200731 B2 20060413; AU 2003200731 C1 20080717; AU 2003200740 B2 20051215; AU 2003200740 C1 20080717; CA 2365610 A1 20010726; CA 2479476 A1 20010726; CA 2479476 C 20091110; CA 2479494 A1 20010726; CA 2479494 C 20100202; CA 2479498 A1 20010726; CA 2479511 A1 20010726; DK 1607402 T3 20070416; DK 1623989 T3 20071015; DK 1623990 T3 20080407; DK 1626058 T3 20080225; DK 1632499 T3 20071001; EP 1173563 A1 20020123; EP 1607402 A1 20051221; EP 1607402 B1 20061213; EP 1623989 A1 20060208; EP 1623989 B1 20070613; EP 1623990 A2 20060208; EP 1623990 A3 20060301; EP 1623990 B1 20071205; EP 1626058 A1 20060215; EP 1626058 B1 20071031; EP 1626084 A1 20060215; EP 1626084 B1 20090211; EP 1632499 A2 20060308; EP 1632499 A3 20060315; EP 1632499 B1 20070530; EP 1632499 B9 20080220; ES 2279473 T3 20070816; ES 2289630 T3 20080201; ES 2290834 T3 20080216; ES 2296029 T3 20080416; ES 2298896 T3 20080516; ES 2321954 T3 20090615; JP 2004201652 A 20040722; JP 2004201653 A 20040722; JP 2004201654 A 20040722; JP 2004229503 A 20040819; JP 2004229504 A 20040819;

JP 2004520003 A 20040708; KR 100512819 B1 20050907; KR 20010103045 A 20011117; PT 1607402 E 20070330; PT 1623989 E 20070925; PT 1623990 E 20080318; PT 1626058 E 20080215; PT 1632499 E 20070911

DOCDB simple family (application)

**US 0003565 W 20000211**; AT 05018353 T 20000211; AT 05018354 T 20000211; AT 05018355 T 20000211; AT 05018356 T 20000211; AT 05018357 T 20000211; AT 05018358 T 20000211; AU 2003200722 A 20030225; AU 2003200731 A 20030225; AU 2003200740 A 20030226; CA 2365610 A 20000211; CA 2479476 A 20000211; CA 2479494 A 20000211; CA 2479498 A 20000211; CA 2479511 A 20000211; DK 05018354 T 20000211; DK 05018355 T 20000211; DK 05018356 T 20000211; DK 05018357 T 20000211; DK 05018358 T 20000211; EP 00907270 A 20000211; EP 05018353 A 20000211; EP 05018354 A 20000211; EP 05018355 A 20000211; EP 05018356 A 20000211; EP 05018357 A 20000211; EP 05018358 A 20000211; ES 05018353 T 20000211; ES 05018354 T 20000211; ES 05018355 T 20000211; ES 05018356 T 20000211; ES 05018357 T 20000211; ES 05018358 T 20000211; JP 2001553947 A 20000211; JP 2002378517 A 20021226; JP 2002378692 A 20021226; JP 2002379406 A 20021227; JP 2002379711 A 20021227; JP 2002380537 A 20021227; KR 20017011391 A 20010907; PT 05018354 T 20000211; PT 05018355 T 20000211; PT 05018356 T 20000211; PT 05018357 T 20000211; PT 05018358 T 20000211